

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/808,832

DATE: 07/17/2001  
TIME: 09:26:33

Input Set : A:\PTO.txt  
Output Set: N:\CRF3\07172001\I808832.raw

ENTERED

3 <110> APPLICANT: DuPont Pharmaceuticals Company  
5 <120> TITLE OF INVENTION: Peptidase-cleavable, targeted antineoplastic drugs and their  
therapeutic use  
6  
8 <130> FILE REFERENCE: PH-7134  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/808,832  
C--> 10 <141> CURRENT FILING DATE: 2001-03-15  
10 <150> PRIOR APPLICATION NUMBER: 60/189,387  
11 <151> PRIOR FILING DATE: 2000-03-15  
13 <160> NUMBER OF SEQ ID NOS: 210  
15 <170> SOFTWARE: PatentIn version 3.0  
17 <210> SEQ ID NO: 1  
18 <211> LENGTH: 5  
19 <212> TYPE: PRT  
20 <213> ORGANISM: Artificial Sequence  
22 <220> FEATURE:  
23 <221> NAME/KEY: MOD\_RES  
24 <222> LOCATION: (1)..(1)  
25 <223> OTHER INFORMATION: 4-methoxy-benzenesulfonyl-beta-alanine  
28 <220> FEATURE:  
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30 <222> LOCATION: (3)..(3)  
31 <223> OTHER INFORMATION: homophenylalanine  
34 <220> FEATURE:  
35 <221> NAME/KEY: PEPTIDE  
36 <222> LOCATION: (1)..(5)  
37 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 433A  
pep  
38 tide synthesizer using readily available materials well known to  
39 ordinarily skilled artisans  
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44 Xaa Gly Xaa Tyr Leu  
45 1 5  
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60 <222> LOCATION: (3)..(3)  
61 <223> OTHER INFORMATION: homophenylalanine  
64 <220> FEATURE:  
65 <221> NAME/KEY: PEPTIDE  
66 <222> LOCATION: (1)..(5)

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67 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI 433A  
pep

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68 tide synthesizer using readily available materials well known to  
69 ordinarily skilled artisans  
72 <400> SEQUENCE: 2  
74 Xaa Gly Xaa Tyr Leu  
75 1 5  
77 <210> SEQ ID NO: 3  
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85 <223> OTHER INFORMATION: acetyl-proline  
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89 <221> NAME/KEY: PEPTIDE  
90 <222> LOCATION: (1)..(5)  
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pep

92 tide synthesizer using readily available materials well known to  
93 ordinarily skilled artisans  
96 <400> SEQUENCE: 3  
98 Xaa Leu Gly Leu Leu  
99 1 5  
101 <210> SEQ ID NO: 4  
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109 <223> OTHER INFORMATION: acetyl-proline  
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114 <222> LOCATION: (1)..(5)  
115 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A

pep  
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117 ordinarily skilled artisans  
120 <400> SEQUENCE: 4  
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123 1 5  
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132 <222> LOCATION: (2)..(2)  
133 <223> OTHER INFORMATION: beta alanine  
136 <220> FEATURE:  
137 <221> NAME/KEY: MOD\_RES

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138 <222> LOCATION: (1)..(1)  
139 <223> OTHER INFORMATION: acetyl-proline  
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145 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep  
146 tide synthesizer using readily available materials well known to  
147 ordinarily skilled artisans

WXY 150 <400> SEQUENCE: 5  
152 Xaa Xaa Gly Leu Leu  
153 1 5

155 <210> SEQ ID NO: 6  
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173 <221> NAME/KEY: PEPTIDE  
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433A pep  
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177 ordinarily skilled artisans

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183 1 5

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192 <222> LOCATION: (2)..(2)  
193 <223> OTHER INFORMATION: cyclohexylalanine  
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203 <221> NAME/KEY: PEPTIDE  
204 <222> LOCATION: (1)..(5)  
205 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep  
206 tide synthesizer using readily available materials well known to

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207 ordinarily skilled artisans  
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213 1 5  
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433A pep  
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231 1 5  
233 <210> SEQ ID NO: 9  
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241 <223> OTHER INFORMATION: MeOCH2CH2OCH2(=O)-proline  
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269 <221> NAME/KEY: PEPTIDE  
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271 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI

433A pep  
272 tide synthesizer using readily available materials well known to  
273 ordinarily skilled artisans  
276 <400> SEQUENCE: 10

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288 <222> LOCATION: (1)..(1)  
289 <223> OTHER INFORMATION: H2NCH2CH2N(CH2CH2)2NCH2C(=O)-proline  
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293 <221> NAME/KEY: PEPTIDE  
294 <222> LOCATION: (1)..(5)  
295 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI  
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296 tide synthesizer using readily available materials well known to  
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307 <212> TYPE: PRT  
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317 <221> NAME/KEY: PEPTIDE  
318 <222> LOCATION: (1)..(5)  
319 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI  
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321 ordinarily skilled artisans  
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327 1 5  
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335 <221> NAME/KEY: MOD\_RES  
336 <222> LOCATION: (1)..(1)  
337 <223> OTHER INFORMATION: ACN(CH2CH2)2NCH2C(=O)-proline  
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342 <222> LOCATION: (1)..(5)  
343 <223> OTHER INFORMATION: The synthesis of this peptide may be performed on an ABI  
433A pep  
344 tide synthesizer using readily available materials well known to

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding

## VERIFICATION SUMMARY

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Input Set : A:\PTO.txt

Output Set : N:\CRF3\07172001\I808832.raw

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
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L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:122 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4  
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5  
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6  
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16  
L:458 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
L:488 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:524 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
L:560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:686 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24  
L:716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:806 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:860 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33  
L:974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34  
L:998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
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L:1076 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38  
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L:1148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41  
L:1172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42  
L:1196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:1244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46  
L:1292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47

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 L:1364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
 L:1388 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51